EnTranCe: Centre of Expertise Energy

“If we want things to stay as they are, things will have to change.”

Dr. Ir. Jan-jaap Aué
Dean Centre of Expertise Energy
Professor Energy Transition

share your talent. move the world.
Hanze University of Applied Sciences

- Established in 1798
- Professionally oriented higher education
  - 28,500 students
  - 3300 employees
- **55+** bachelor programs, **18** master programs
  - 22 studies with an energy route
  - 3 energy master programs (*one under development*)
  - 8 professorships with topic energy
  - Energy testing ground EnTranCe
Speeding up Innovation

At the Centre of Expertise Energy, we speed up innovations needed for the transition towards a sustainable energy society. We contribute by applied research and education.

HOW?

- An interdisciplinary and multilevel approach
- The establishment of co-ownership from Society
- Involving young people
- Showing options and their impact
- In dialogue with stakeholders
Opening by King Willem-Alexander
oktober 2015
Hydrogen

STORE&GO

I-BALANCE

POWER TO FLEX

Bio-Power2Gas

Energy Systems Transition Centre

share your talent. move the world.
Development of sustainable H2 city-area near Hoogeveen City.
**Why?**
Versterken regionale economie en werkgelegenheid en onderwijs.
Veilig en gezond.

**How?**
laagdrempelig
dynamisch
open
multidisciplinair
micro – macro = meso
kracht van digitalisering
verbonden met de samenleving
een broedplaats waar veel kan en mag

**What?**
duurzame energiehuishouding
vitale economie
vital leven
veilig wonen
voedsel veiligheid
duurzame mobiliteit

**INNOVATION HUBS**
TRANSITION CENTRE NORTH
For you

- Extensive network
- Access to knowledge and experience
- Support local communities
- Experimental facilities
- Office- and workspace
- Collective Intelligence
- Energy related events
- Access to launching customers
- Awareness creation
- Students
Site visit EnTranCe

Group 1: Japanese Guest, host Jan-jaap Aué
Group 2: German Guest, host Klaas Jan Noorman

Dutch Guests
-ZAP
-BuildinG
-5G field lab
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